

IN THE ABSTRACT:

The Abstract as amended below with a replacement Abstract shows added text with underlining and deleted text with ~~strikethrough~~.

Please DELETE the Abstract in its entirety and substitute the replacement Abstract.

A system ~~for~~-monitoring statuses such as presence ~~or-and~~ absence of abnormality and lifetime of a machine component such as, for example, a bearing having rolling elements, includes: a plurality of determining units ~~4-each~~respectively connected with a plurality of sensors ~~3~~, and a control ~~means-5~~unit connected with the determining units-4. Each sensor is disposed on the machine component ~~4~~ of the associated rolling bearing ~~for detecting~~to detect an influence signal resulting from passage of the rolling element induced in the machine component-4. Each determining unit 4-determines, according a process set-up condition, the presence ~~or-and~~ absence of an abnormality, and lifetime ~~and others~~ of the machine component ~~4~~ associated with the sensor ~~3~~ in reference to an output signal from ~~such~~the sensor-3. The control ~~means-5~~unit collects a result of determination performed by each determining unit-4. In this way, with a simplified structure, monitoring can be achieved at a low cost, precisely and efficiently.